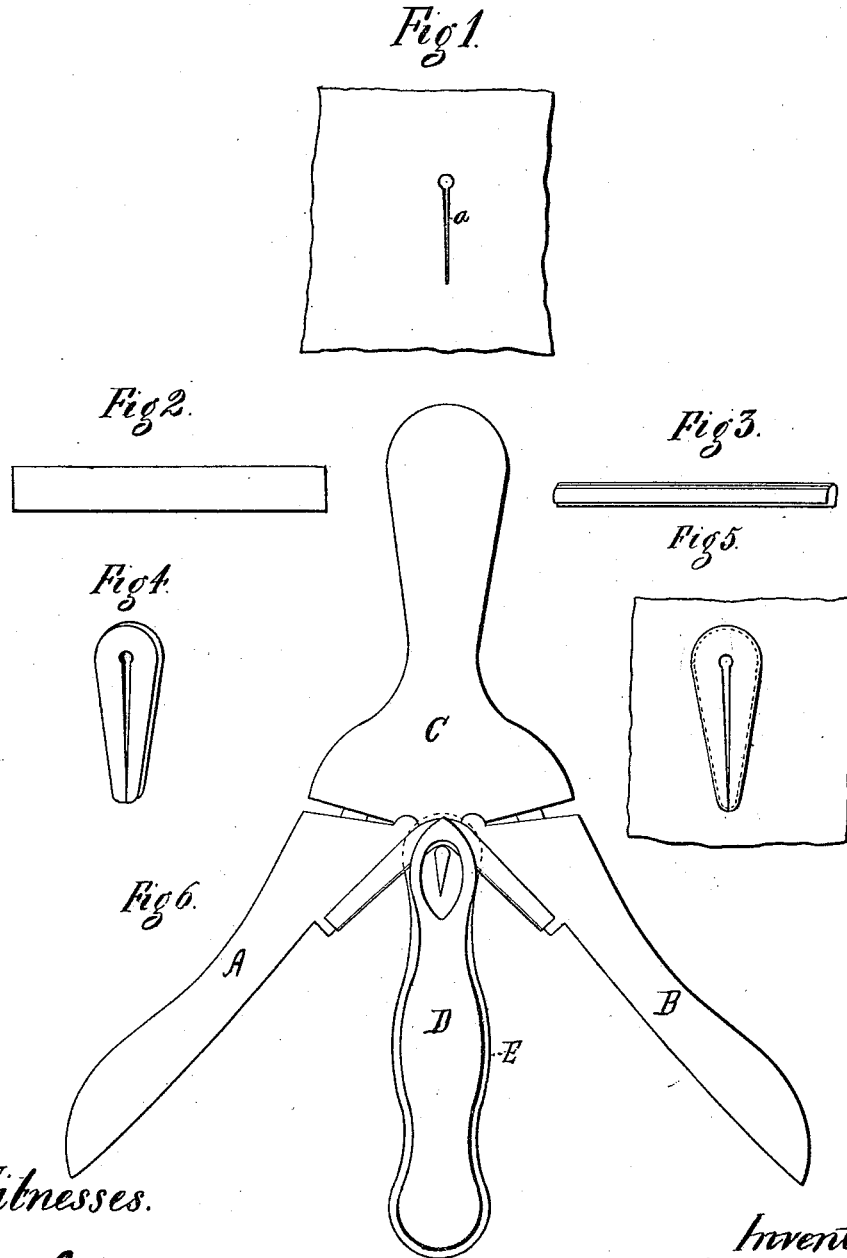


D. HARRIS.
BUTTON-HOLE CASING.

No. 185,318.

Patented Dec. 12, 1876.



Witnesses.

W. M. Edwards

R. O. Clark

Inventor.

David Harris
per J. P. Vetch
his atty.

UNITED STATES PATENT OFFICE.

DAVID HARRIS, OF NEW YORK, N. Y.

IMPROVEMENT IN BUTTON-HOLE CASINGS.

Specification forming part of Letters Patent No. **185,318**, dated December 12, 1876; application filed February 24, 1875.

To all whom it may concern:

Be it known that I, DAVID HARRIS, of the city, county, and State of New York, have invented a new and useful Improvement in Button-Hole Casings, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to produce, as an article of manufacture, a cheap, strong, durable leather casing or lining for a button-hole—one which can be easily applied or affixed to a garment or other article.

Having thus explained the nature of my invention, I will proceed to explain its construction, one method by which I propose to make it, and some of the uses to which it may be put.

Figure 1 represents a piece of material having a button-hole slit cut in it. Fig. 2 represents a strip or blank of leather from which the casing is to be made. Fig. 3 is the blank, having its edges folded or turned over toward each other. Fig. 4 shows the same after it has been crimped into proper form. Fig. 5 represents the binding as applied to a button-hole; and Fig. 6 is an elevation of a tool which I propose to employ in manufacturing my improved binding, with one of the blanks partially crimped.

A B are the thin metallic arms or blades, pivoted to a shank, C, and rounded upon their inner edges, to conform to and receive the inner part of the folded blank, Fig. 3. D and E are two guiding or clamping plates, arranged to clasp or press upon opposite sides of the blades A B when the outer or free ends of said blades are brought near each other.

The blank, Fig. 2, is wetted, and while in

temper is placed upon the blades, as indicated in Fig. 6. The free ends of these blades are then pressed carefully toward each other, and the plates D E forced upon the lining, which is held between the blades. In this manner the blank is crimped or molded into the shape shown in Fig. 4, when, after being properly dried, it is ready for market; or, when preferred, it may be blackened, varnished, or otherwise finished.

This casing or lining may be applied to any desired article by inserting it in the slit *a*, (shown in Fig. 1,) with its edges overlying the material, to which it may be secured by stitching, or by means of some adhesive substance.

When the article to which the binding is to be applied is made of two thicknesses, it (the binding) may be placed between them, and properly secured in place.

It is well understood that leather which has been crimped is, although flexible, much firmer, and will bear a much greater strain without being drawn materially out of shape, than will the same thickness and quality of leather which has not been crimped; hence, my invention is especially valuable for use upon many articles which are subjected to great tension—as, for instance, buttoned shoes.

I claim—

As a new article of manufacture, a crimped or molded leather lining for button-holes, substantially as set forth.

In witness I have hereunto set my hand this 19th day of February, 1875.

DAVID HARRIS.

Witnesses:

B. S. CLARK,
FRED. E. BOND.